

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| L1 | 1 | (advantage or benefit) with drain with (InSb or (indium adj antimonide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/06 06:44 |
| L2 | 6 | ("20050082522" "20050285193" "20060084235").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/06 06:44 |
| L3 | 7725 | InSb or (indium adj antimonide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/06 06:45 |
| L4 | 0 | l2 and l3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/06 06:45 |
| L5 | 8 | (((((diamond adj like) or (diamond-like) or (diamondlike)) adj (C or carbon)) or (diamond near2 carbon))) with source and (field adj effect adj transistor) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/06 06:52 |
| L6 | 16 | (advantage or benefit) with ((amorphous adj carbon) or (((diamond adj like) or (diamond-like) or (diamondlike)) adj (C or carbon)) or (diamond near2 carbon))) and (field adj effect adj transistor) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/06 07:00 |
| L7 | 5 | ((amorphous adj carbon) or (((diamond adj like) or (diamond-like) or (diamondlike)) adj (C or carbon)) or (diamond near2 carbon))) with (material near2 source) and (field adj effect adj transistor) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/06 07:59 |

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| L8 | 943 | (field adj effect adj transistor) and (channel with (si or silicon)) and (drain with (Ge or germanium)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/06 07:05 |
| L9 | 155 | (field adj effect adj transistor) and (channel with material with (si or silicon)) and (drain with material with (Ge or germanium)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/06 07:05 |
| L10 | 105 | (field adj effect adj transistor) and (channel with material with (si or silicon)) and (drain with material with (Ge or germanium)) and CMOS | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/06 07:06 |
| L11 | 0 | "propert\$3 of" with ((amorphous adj carbon) or (((diamond adj like) or (diamond-like) or (diamondlike)) adj (C or carbon)) or (diamond near2 carbon))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/06 08:00 |
| L12 | 2036 | propert\$3 with ((amorphous adj carbon) or (((diamond adj like) or (diamond-like) or (diamondlike)) adj (C or carbon)) or (diamond near2 carbon))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/06 08:03 |
| L13 | 82 | (electron adj affinity) with ((amorphous adj carbon) or (((diamond adj like) or (diamond-like) or (diamondlike)) adj (C or carbon)) or (diamond near2 carbon))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/06 08:03 |
| S1 | 1 | "10591863" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 20:08 |

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|----|------|-------------------|--|----|----|------------------|
| S2 | 1255 | 257/194.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 09:30 |
| S3 | 1196 | 257/200.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 09:30 |
| S4 | 455 | 257/201.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 09:31 |
| S5 | 359 | 257/51.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 09:31 |
| S6 | 406 | 257/183.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 09:31 |
| S7 | 37 | 257/e29.068.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 09:31 |
| S8 | 49 | 257/e29.079.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 09:31 |

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| S9 | 348 | 257/e29.081.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 09:32 |
| S10 | 9125 | (material with channel) and (material with source) and (material with drain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 09:33 |
| S11 | 10 | ((electron or electronic) near affinity) same (source or drain)) and ((increase or improve) with (transistor with operat\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 09:44 |
| S12 | 837 | ((electron or electronic) near affinity) same (source or drain)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 09:36 |
| S13 | 6 | (source near material) with (different) with (drain near material) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 09:49 |
| S14 | 88 | S10 and S12 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 09:50 |
| S15 | 16 | S10 and S12 and S2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 10:11 |

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|-----|-------|---|--|----|----|------------------|
| S16 | 85285 | (PMOS or (p-channel) or (p adj channel)) and (NMOS or (n-channel) or (n adj channel)) with transistor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 10:13 |
| S17 | 1 | S2 and S12 and S16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 10:14 |
| S18 | 0 | S3 and S12 and S16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 10:14 |
| S19 | 0 | S4 and S12 and S16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 10:14 |
| S20 | 1 | S5 and S12 and S16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 10:15 |
| S21 | 1 | S6 and S12 and S16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 10:16 |
| S22 | 0 | S7 and S12 and S16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 10:16 |

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|-----|-----|--|--|----|----|------------------|
| S23 | 0 | S8 and S12 and S16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 10:16 |
| S24 | 1 | S9 and S12 and S16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 10:16 |
| S25 | 24 | ("3263095" "3283221" "3708731" "4163237" "4424525").PN. OR ("4556895").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/23 10:18 |
| S26 | 7 | ("4468851" "4558337" "4600932" "4866490").PN. OR ("5986291"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/23 11:50 |
| S27 | 137 | (channel and source and drain) with (different near material) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/23 11:51 |
| S28 | 50 | S16 and S27 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/23 12:28 |
| S29 | 3 | ("20010020725" "20040014276" "61 87641").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/23 12:40 |
| S30 | 1 | "6825506".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/23 13:03 |
| S31 | 5 | "10364786" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/23 13:03 |
| S32 | 9 | ((source near material) and (drain near material)) with different | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 09:31 |
| S33 | 532 | (electron adj affinity) with (si or silicon) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 09:32 |

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|-----|--------|---|--|----|----|------------------|
| S34 | 22 | (electron adj affinity) with (SiGe or (silicon adj germanium)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 09:33 |
| S35 | 18 | S33 and S34 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 10:14 |
| S36 | 103354 | ((increase or fast) with (switch\$3 or operat\$3)) and transistor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 10:21 |
| S37 | 76 | (source near material) with (drain near material) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 10:21 |
| S38 | 5 | S36 and S37 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 10:56 |
| S39 | 0 | "electron affinity of InGaAs" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 10:57 |
| S40 | 2 | "5326995".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 11:14 |

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|-----|--------|---|--|----|----|------------------|
| S41 | 2 | "20020190271" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 11:35 |
| S42 | 2 | "4903091".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 11:36 |
| S43 | 2 | "6414340".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 11:40 |
| S44 | 9 | ((band or energy) adj diagram) same (InP and InGaAs) and (pnp or p-n-p) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 14:08 |
| S45 | 0 | (source near (GaAs or (gallium adj arsenide))) and (drain near (Ge or germanium)) and (channel near (si or silicon)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 14:10 |
| S46 | 108 | (source with (GaAs or (gallium adj arsenide))) and (drain with (Ge or germanium)) and (channel with (si or silicon)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 14:10 |
| S47 | 210356 | (field adj effect adj transistor) or (PMOS) or NMOS | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 14:11 |

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| S48 | 90 | S46 and S47 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 14:36 |
| S49 | 2 | "20060244068" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 14:38 |
| S50 | 2 | "20070178650" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 17:01 |
| S51 | 0 | ("2006/0244068").URPN. | USPAT | OR | ON | 2007/10/24 15:00 |
| S52 | 2 | ((diamond-like or diamond) near (C or carbon)) with source) and ((germanium or Ge) with drain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 20:10 |
| S53 | 3 | ((diamond-like or diamond) near (C or carbon)) with source) and ((GaAs or (gallium adj arsenide)) with drain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 20:26 |
| S54 | 2 | ((diamond-like or diamond) near (C or carbon)) with source) and ((InSb or (indium adj antimonide)) with drain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 20:28 |
| S55 | 4 | ((GaAs or (gallium adj arsenide)) with source) and ((InSb or (indium adj antimonide)) with drain) and ((ge or germanium) with channel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 20:34 |

EAST Search History

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|-----|-------|--|--|----|----|------------------|
| S56 | 1 | ((diamond-like or diamond) near (C or carbon)) with source) and ((InSb or (indium adj antimonide)) with drain) and ((GaAs or (gallium adj arsenide)) with channel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 20:36 |
| S57 | 1 | ((diamond-like or diamond) near (C or carbon)) with source) and ((ge or germanium) with drain) and ((GaAs or (gallium adj arsenide)) with channel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 20:37 |
| S58 | 141 | ((si or silicon) with source) and ((ge or germanium) with drain) and ((GaAs or (gallium adj arsenide)) with channel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 20:42 |
| S59 | 11 | ((si or silicon) with source) and ((InSb or (indium adj antimonide)) with drain) and ((GaAs or (gallium adj arsenide)) with channel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 20:38 |
| S60 | 74101 | (channel with (Si or silicon)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 16:03 |
| S61 | 88924 | source with (((diamond-like or diamond) adj C) or carbon) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 16:13 |
| S62 | 4290 | drain with (Ge or germanium) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 16:05 |

EAST Search History

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|-----|--------|---|--|----|----|------------------|
| S63 | 34 | drain with (InSb or (indium adj antimonide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 16:08 |
| S64 | 186 | S60 and S61 and S62 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 16:08 |
| S65 | 522 | source with ((diamond-like or diamond) adj (C or carbon)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 16:32 |
| S66 | 2 | S60 and S62 and S65 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 16:16 |
| S67 | 8694 | channel with (Ge or germanium) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 16:16 |
| S68 | 139628 | source with (Si or silicon) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 16:17 |
| S69 | 8716 | source with (GaAs or (gallium adj arsenide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 16:17 |

EAST Search History

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| S70 | 5 | S67 and S68 and S63 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 16:22 |
| S71 | 4 | S67 and S69 and S63 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 16:22 |
| S72 | 980 | source with (((diamond-like or (diamond adj like)) adj (C or carbon)) or DLC) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 16:34 |
| S73 | 2 | S60 and S62 and S72 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 16:35 |
| S74 | 1 | S67 and S63 and S72 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 16:35 |
| S75 | 4 | ("20040256700" "20050045995"). PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 17:04 |
| S76 | 8 | ("20040031996" "20050184345" "20 060043498" "20060258072").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/31 17:04 |
| S77 | 0 | ("2006/0043498").URPN. | USPAT | OR | ON | 2007/10/31 17:16 |

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| S78 | 7 | ("5849440" "5858830" "6103020" "6197632" "6541382" "6605498" "6621131").PN. | USPAT | OR | ON | 2007/10/31 17:19 |
| S79 | 0 | ("20040061191" "20050287752").PN. | USPAT | OR | ON | 2007/10/31 17:19 |
| S80 | 0 | ("20040084735").PN. | USPAT | OR | ON | 2007/10/31 17:20 |
| S81 | 7964 | asymmetr\$4 with (device or transistor) | USPAT | OR | ON | 2007/10/31 17:21 |
| S82 | 941 | (improve or increase) with (carrier adj mobility) | USPAT | OR | ON | 2007/10/31 17:22 |
| S83 | 28 | S81 and S82 | USPAT | OR | ON | 2007/10/31 17:22 |
| S84 | 2 | "5801401".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/05 11:01 |
| S85 | 1 | (impact adj ionization) and kumashiro and shigetaka and (electron adj affinity) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/05 11:27 |
| S86 | 8713 | channel with (Ge or germanium) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/05 11:27 |
| S87 | 8713 | S86 and S86 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/05 11:27 |
| S88 | 34 | drain with (InSb or (indium adj antimonide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/05 11:27 |

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| S89 | 5 | S88 and S86 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/05 11:29 |
| S90 | 74203 | channel with (Si or silicon) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/05 11:29 |
| S91 | 4304 | drain with (Ge or germanium) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/05 11:30 |
| S92 | 5 | source with (diamond-like adj C) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/05 11:33 |
| S93 | 0 | ("2007/0210301").URPN. | USPAT | OR | ON | 2007/11/05 12:01 |
| S94 | 4229 | source with (GaAs or (gallium adj arsenide)) | USPAT | OR | ON | 2007/11/05 12:01 |
| S95 | 7 | S88 and S94 | USPAT | OR | ON | 2007/11/05 12:05 |
| S96 | 6 | (upper adj level) with (valence adj band) | USPAT | OR | ON | 2007/11/05 12:09 |
| S97 | 103 | (valence adj band) with (InP or (indium adj phosphide)) | USPAT | OR | ON | 2007/11/05 13:29 |
| S98 | 34 | (valence adj band) with ((InP or (indium adj phosphide)) and (InGaAs or (indium adj gallium adj arsenide))) | USPAT | OR | ON | 2007/11/05 13:55 |
| S99 | 0 | "194370".pn. | USPAT | OR | ON | 2007/11/05 13:56 |
| S100 | 1 | "4893155".pn. | USPAT | OR | ON | 2007/11/05 14:26 |
| S101 | 7 | ((band or energy) adj gap) with (InGaAs or (indium adj gallium adj arsenide))) and ((electron adj affinity) with (InGaAs or (indium adj gallium adj arsenide))) | USPAT | OR | ON | 2007/11/05 16:55 |

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|----------|-----|--|-------|----|----|------------------|
| S10 2 | 0 | "11786210" | USPAT | OR | ON | 2007/11/05 16:55 |
| S10 3 | 0 | "10786210" | USPAT | OR | ON | 2007/11/05 16:56 |
| S10 4 | 1 | "5739558".pn. | USPAT | OR | ON | 2007/11/05 17:34 |
| S10 5 | 613 | (common or usual) with drain with material | USPAT | OR | ON | 2007/11/05 17:35 |
| S10 6 | 208 | ((common or usual) with drain with material) and (field adj effect adj transistor) | USPAT | OR | ON | 2007/11/05 17:35 |